



Zionsville Street and Stormwater Department  
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2012 STREET AND STORMWATER DEPARTMENT YEAR-END REPORT  
ZIONSVILLE TOWN COUNCIL MEETING  
January, 2013

**Statistics**

- Replaced 451 square yards (1014 linear feet equivalent) of sidewalks through the annual sidewalk program.
- Resurfaced or repaired 4.2 miles of streets through the annual street repair program including the complete reconstruction 0.39 miles of roads.
- Applied over 13.5 miles of line-striping on 3.2 miles of roads.
- Replaced 230 linear feet of asphalt pathway.
- Applied approximately 433 tons of salt/deicing material to public streets, parking areas and municipal facilities.
- Performed routine maintenance cleaning on over 10,000 linear feet of sanitary sewers.
- Performed routine maintenance cleaning of storm sewers and drainage ditches.
- Replaced or installed new 100 linear feet of storm sewers.
- Improved seven sidewalk ramps to current ADA standards.
- Placed 81.38 tons of hot mix asphalt and 20.25 tons of cold mix asphalt patch to perform in-house street repair and pothole patching.
- Collected and disposed for recycling approximately 150 tons (15 truckloads) of chipped brush and limbs.
- Collected and disposed for recycling approximately 815 tons (163 trailer loads) of leaves.
- Repaired or installed 15 storm sewer catch basins and drain pipes.
- Replaced, repaired and/or installed 34 street signs.
- Provided 97 new street trees.
- Performed or had contracted for trimming maintenance on 67 street trees.
- Removed or had removed 14 street trees.

- Collected and disposed of over 90 tons (15 truckloads) of material through regular street-sweeping efforts.
- Received, reviewed and processed 54 permits for construction within public rights-of-way.
- Collected approximately 500 lbs. of litter through road-side clean-up.
- Responded to nine (9) sewer emergency calls for service.
- Conducted 198 formal Rule 5 compliance inspections of active construction sites in addition to routine informal site visits.
- Approved 13 Stormwater Pollution Prevention Plans for sites required per 327 IAC 15-5.
- Responded to nine illicit discharge incidents and coordinated mitigation or brought enforcement action as appropriate.
- Replaced 30 street light bulbs.
- Responded to 105 requests for field-verification and locating of underground sanitary and storm sewer facilities.

### **In-House Services**

- Heavy Trash Collection completed on schedule utilizing Rays Trash Service and Disposal Alternatives Organization, thus eliminating the charge to residents for the disposal of refrigerant-bearing appliances and reducing the amount of material sent to landfills.
- Collaborated with Boone County on the local Annual Hazardous Household Waste Collection Day.
- Both spring and fall Brush and Limb Collection completed on schedule.
- Leaf Collection service provided on a weekly schedule from October 15<sup>th</sup> to December 7<sup>th</sup>.
- Applied salt and/or removed snow from public streets in a timely and thorough fashion to facilitate public safety.
- Responded to all drainage concerns brought to our attention by area residents and coordinated mitigation.
- Performed trimming and/or maintenance on ROW trees to promote a healthy and safe streetscape environment.
- Continued special event and community support, maintaining and replacing Main St. banners, flags and decorations and providing barricade services.
- Maintained all traffic signals.
- Replaced old holiday lights for downtown business district with cost-effecting LED light strands.

### **Administration and Meetings**

- Served on the Indianapolis Metropolitan Planning Organization Technical Committee, attending quarterly and special meetings.
- Served as President of the Board of Directors of the Upper White River Watershed Alliance.
- Attended and participated in all monthly meetings of the Internal Technical Committee, as well as follow-up meetings with the applicants.

- Attended Pathways Committee Meetings and maintained agendas and minutes for the committee on the town's web site.
- Attended meetings with Boone County government and local organizations to coordinate operations, services and development.
- Coordinated with Boone County on drainage plan review on new projects as well as problem resolution on existing properties.
- Served on the Upper White River Watershed Alliance public education sub-committee.
- Obtained Certified Erosion, Sediment and Stormwater Inspector status through Envirocert International.
- Obtained continuing education at the following:
  - Annual LTAP Stormwater Drainage Conference.
  - Annual MS-4 stormwater workshop.
  - Annual MS-4 conference.
  - Annual LTAP Road School.
  - WTH Technology Conference.
- Regular attendance at the following meetings:
  - Eagle Creek Watershed Alliance (ECWA) technical subcommittee.
  - Hamilton County Stormwater Standards, Plan Review & Enforcement Committee.
  - Indiana Association of Floodplain and Stormwater Managers' (INASFM) inspector subcommittee.
- Continued updating of the Town GIS through the acquisition and importing of US Geological Survey watershed data, National Hydrography Dataset and high-resolution aerial photography.
- Coordinated monthly meetings of the Stormwater Board and Citizens' Advisory Committee meetings.
- Served as a member of the planning committee for the IDEM-sponsored MS-4 Annual Meeting.
- Provided multiple municipal facilities with pollution prevention tools, equipment and structures.
- Completed all annual services in a timely fashion and conducted all operations, maintenance and procurements within budget constraints.
- Coordinated and participated in the INDOT state-wide road salt quote solicitation process.
- Completed major, comprehensive update to INDOT road mileage inventory potentially increasing tax revenue to the Town.
- Maintained Street and Stormwater Department news and information on town website.
- Drafted three ordinances to amend the Code of Ordinances for consideration by the Safety Board and/or Town Council.
- Updated Chapter 7 of the Code of Ordinances, incorporating each amendment adopted by the Town Council.
- Represented the Town in the finalization of Urban Area mapping through the Indianapolis MPO.

## **Project Development and Management**

- Submitted the final monitoring report to IDEM for the woody reforestation plan in conjunction with the Willow Rd. Realignment and pathway project, and received release from monitoring requirements.
- Continued the monitoring period and completed the year-three report of the woody reforestation plan as required by IDEM for stream impacts in conjunction with the 106th St. relocation and reconstruction project.
- Designed and contracted for the replacement of a major culvert pipe under south Ford Rd.
- Completed the construction of the Sycamore St. (SR 334) pathway under budget.
- Continued the public input process for the potential redevelopment and face-lift along First St. including two major public involvement meetings and numerous meetings with affected parties, groups and stakeholders.
- Completed design and construction of a 300 sq. ft. rain garden at the Town Hall to mitigate existing drainage problems and provide water quality public education and participation opportunities.
- Cost-shared with the Parks Department for the installation of porous pavers at the new Rail Trail trailhead at Ninth and Laurel St's.
- Installed four (4) new bike racks in the downtown business district.
- Upgraded all traffic signals to LED bulbs.
- Assisted in specifications and development of the Bennett Parkway Extension project.
- Replaced 10 public trash receptacles in the downtown business district and initiated a recycling container program for the same area with five (5) dedicated recycling containers.
- Coordinated and assisted Zionsville students with the creation of a mural painted on the Eagle Creek Bridge at Sycamore St.
- Designed and installed a new Rail-Trail connection at Town Hall.
- Completed preliminary design for Phase II of the Sycamore Pathway Project using no new funding.
- Initiated and managed the on-going Traffic Impact Fee update.
- Installed rip-rap stone at the base of the Temple Ave. Eagle Creek erosion mitigation project to comply with Indiana DNR requirements and closed the permits for the project.
- Completed Phase I of the update to the town's public right-of-way tree inventory, identifying over 1000 trees, incorporating into the GIS and developing a work plan.

## **Stormwater Program**

- The requisite 2012 Rule 13 Annual Report was submitted to the Indiana Department of Environmental Management which documents programs and activities conducted for the Town's Stormwater Quality Management Program.
- Developed educational signage for the Town Hall rain garden.

- Hosted a workshop targeting local homeowners instructing participants on the design, construction and maintenance of rain gardens.
- Distributed stormwater public education material through public handouts and interactive education displays at Z'Greenfest.
- Conducted three days of in-house training on municipal operations pollution prevention and illicit discharge detection and elimination for all three fire stations covering 42 fire fighters and administrative staff.
- Conducted semi-annual facility assessments at six municipal facilities for stormwater pollution prevention.
- Co-hosted with the Zion Nature Sanctuary a Hoosier Riverwatch stream monitoring program.
- Co-hosted with the Zion Nature Sanctuary an Advanced Training for the Riverwatch Program.
- Spill-Prevention and Emergency Response Plans were implemented at all three fire stations, Wastewater Treatment Plant and Municipal Services Building.
- Updated the Illicit Discharge Detection and Elimination Plan in anticipation of an upcoming IDEM audit.
- Presented at the MS4 Annual Meeting on Rule 13 stormwater regulations and the implications of ordinance development and utility creation under government reorganization.
- Assisted the Zion Nature Sanctuary with each of its semi-annual Creekstomp events drawing local children and parents.
- Co-hosted with the Upper White River Watershed Alliance a greening local ordinances workshop targeting government planners.
- Staffed the Eagle Creek Watershed Alliance's booth at the Zionsville Fall Festival. Distributed water quality materials and assisted visitors with the water cycle bracelet activity.
- Hosted two planning sessions for the 2012 Annual MS4 meeting with the IDEM Rule 13 Coordinator.
- Assisted the Stormwater Board in the development and adoption of an amendment to Resolution 2011-01 establishing a proposed stormwater utility user fee for Council consideration.
- Initiated a Report-a-Polluter system on the town's web site.
- Developed and implemented a stormwater pollution prevention plan for the new Fire Station 93.
- Continued multi-jurisdictional MS-4 community partnership with the UWRWA. This broad-based media education campaign for 2012 was awarded the Governor's Award for Environmental Excellence.